



June 2008

DEPARTMENT OF EDUCATION
2007–2008 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State standards known as *Learning Results*, adopted by the Maine Legislature in 1997. These *Learning Results* established goals for what all students should know and be able to do at certain times in their school careers and are the basis for Grade Level/Span Expectations, which describe the assessment standards for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind Act*.

The 2007-2008 MEA summary reports contain the results of student achievement in reading and mathematics at all grades, science and technology at grades 4 and 8, and writing at grade 5 based on achievement standards set in 2006 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. The grade 5 writing reports provide information on a student's ability to respond to a prompt measuring narrative writing. More information about the design of the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the Maine Educational Assessment.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 6

Test Date: March 2008
Code: 12651879
SAU: MSAD 74
School: Carrabec Community School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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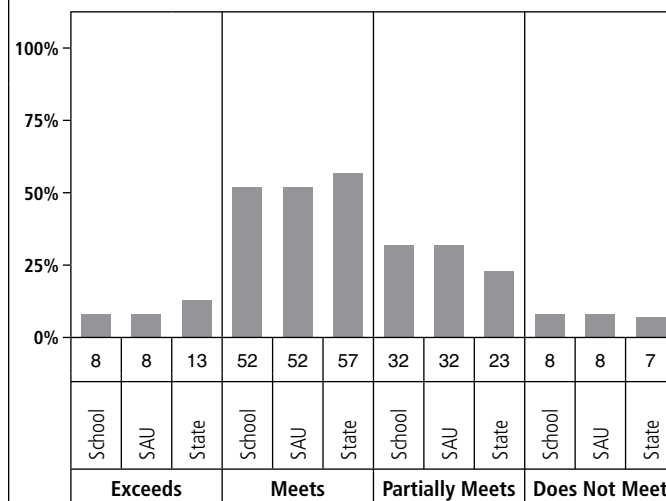
SUMMARY OF SCORES

Test Date: March 2008
Grade: 6
SAU: MSAD 74
School: Carrabec Community School

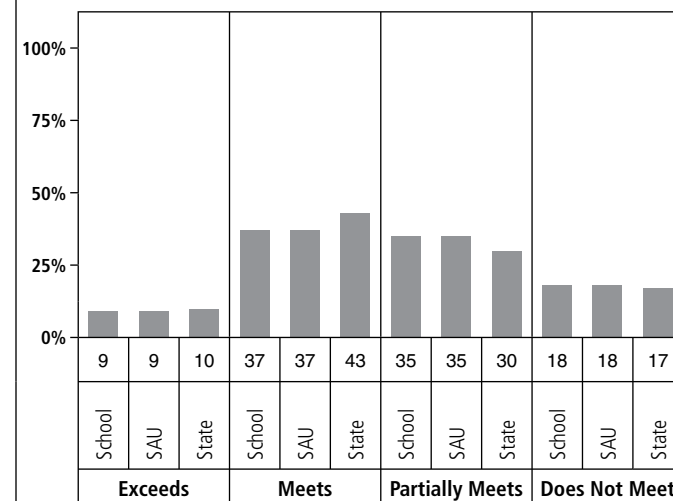
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2005–2006	631	632	644
2006–2007	640	640	646
2007–2008	645	645	648
Cum. Avg. *	639	640	646
Mathematics			
2005–2006	628	628	641
2006–2007	643	642	643
2007–2008	641	641	642
Cum. Avg. *	638	638	642

ELA – READING



MATHEMATICS



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2008
Grade: 6
SAU: MSAD 74
School: Carrabec Community School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																							
							ELA-Reading						Mathematics																	
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	66	100	66	100	14365	100	66	100	66	100	14266	99	66	100	66	100	14268	99												
Ethnicity African American/Black	0	0	0	0	418	3	0	0	0	0	407	97	0	0	0	0	413	99												
American Indian or Native Alaskan	0	0	0	0	111	1	0	0	0	0	110	99	0	0	0	0	110	99												
Asian or Pacific Islander	0	0	0	0	249	2	0	0	0	0	249	100	0	0	0	0	248	100												
Hispanic	1	2	1	2	149	1	1	100	1	100	147	99	1	100	1	100	147	99												
Caucasian/White	65	98	65	98	13438	94	65	100	65	100	13353	100	65	100	65	100	13350	100												
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Identified disability	14	21	14	21	2518	18	14	100	14	100	2479	99	14	100	14	100	2479	99												
Current LEP	0	0	0	0	349	2	0	0	0	0	339	97	0	0	0	0	344	99												
Economically disadvantaged	37	56	37	56	5335	37	37	100	37	100	5277	99	37	100	37	100	5279	99												
Migrant	0	0	0	0	7	0	0	0	0	0	7	100	0	0	0	0	7	100												

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics																	
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	53	80	53	80	11613	81	53	80	53	80	11626	81												
Identified disability (PET/IEP)	1	2	1	2	373	3	1	2	1	2	373	3												
LEP	0	0	0	0	187	2	0	0	0	0	187	2												
504 plan	0	0	0	0	149	1	0	0	0	0	150	1												
Participation with accommodations	12	18	12	18	2451	17	12	18	12	18	2446	17												
Identified disability (PET/IEP)	12	100	12	100	1909	78	12	100	12	100	1910	78												
LEP	0	0	0	0	142	6	0	0	0	0	152	6												
504 plan	0	0	0	0	85	3	0	0	0	0	84	3												
Other	0	0	0	0	350	14	0	0	0	0	335	14												
Participation through alternate assessment (PAAP)	1	2	1	2	197	1	1	2	1	2	196	1												
Identified disability (PET/IEP)	1	100	1	100	197	100	1	100	1	100	196	100												
LEP	0	0	0	0	5	3	0	0	0	0	5	3												
504 plan	0	0	0	0	0	0	0	0	0	0	0	0												
Approved non-participation in reading – 1st year LEP	0	0	0	0	5	0																		
Approved non-participation – special consideration	0	0	0	0	24	0	0	0	0	0	24	0												
Non-participation – other	0	0	0	0	75	1	0	0	0	0	73	1												

¹ Percents are the percentage of students enrolled in each participation category.

² Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³ Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date:	March 2008
Grade:	6
SAU:	MSAD 74
School:	Carrabec Community School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (scaled score 661–680)	2005-2006	0	0	0	0	1176	8
	2006-2007	1	1	1	1	1132	8
	2007-2008	5	8	5	8	1817	13
	Cum. Total*	6	3	6	3	4125	10
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (scaled score 641–660)	2005-2006	12	24	13	25	7612	51
	2006-2007	32	41	30	40	8127	57
	2007-2008	34	52	34	52	8072	57
	Cum. Total*	78	40	77	40	23811	55
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (scaled score 629–640)	2005-2006	17	33	17	33	4080	27
	2006-2007	30	38	30	40	3549	25
	2007-2008	21	32	21	32	3194	23
	Cum. Total*	68	35	68	35	10823	25
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (scaled score 600–628)	2005-2006	22	43	22	42	2005	13
	2006-2007	15	19	14	19	1478	10
	2007-2008	5	8	5	8	981	7
	Cum. Total*	42	22	41	21	4464	10

Learning Results Content Standard Cluster	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Total Reading Cluster	56	100	30.2	53.9	30.2	53.9	32.7	58.4
Literary Text	28	50	15.0	53.6	15.0	53.6	16.3	58.2
Informational Text	28	50	15.2	54.3	15.2	54.3	16.5	58.9

The Maine *Learning Results* reading cluster includes Content Standards A (Process of Reading), B (Literature and Culture), and D (Informational Texts). The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Passages include both long and short texts, selected from developmentally appropriate works. Items on the MEA measure Grade Level Expectations, based on Maine’s 1997 *Learning Results*, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.

ELA-READING RESULTS

(CONTINUED)

Test Date: March 2008
Grade: 6
SAU: MSAD 74
School: Carrabec Community School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	65	5	8	34	52	21	32	5	8	645	65	8	52	32	8	645	14064	13	57	23	7	648
Ethnicity																						
African American/Black	0										0						399	7	47	28	17	642
American Indian or Native Alaskan	0										0						108	4	54	32	10	643
Asian or Pacific Islander	0										0						247	16	60	20	4	650
Hispanic	1										1						145	8	45	34	14	643
Caucasian/White	64	5	8	34	53	21	33	4	6	645	64	8	53	33	6	645	13165	13	58	22	7	648
Not Reported	0										0						0					
Identified disability																						
Yes	13	0	0	4	31	5	38	4	31	636	13	0	31	38	31	636	2282	2	29	42	27	636
No	52	5	10	30	58	16	31	1	2	647	52	10	58	31	2	647	11782	15	63	19	3	650
Current LEP																						
Yes	0										0						329	4	44	30	22	640
No	65	5	8	34	52	21	32	5	8	645	65	8	52	32	8	645	13735	13	58	23	7	648
Economically disadvantaged																						
Yes	36	1	3	18	50	13	36	4	11	641	36	3	50	36	11	641	5153	6	51	31	12	643
No	29	4	14	16	55	8	28	1	3	648	29	14	55	28	3	648	8911	17	61	18	4	650
Migrant																						
Yes	0										0						7	14	57	14	14	648
No	65	5	8	34	52	21	32	5	8	645	65	8	52	32	8	645	14057	13	57	23	7	648
Gender																						
Female	31	4	13	16	52	10	32	1	3	647	31	13	52	32	3	647	6967	16	59	20	5	650
Male	34	1	3	18	53	11	32	4	12	643	34	3	53	32	12	643	7097	9	56	26	9	646
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	19	0	0	6	32	12	63	1	5	639	19	0	32	63	5	639	1186	6	41	42	11	642
No	46	5	11	28	61	9	20	4	9	647	46	11	61	20	9	647	12878	14	59	21	7	648
Gifted/talented program																						
Yes	0										0						557	50	48	2	0	661
No	65	5	8	34	52	21	32	5	8	645	65	8	52	32	8	645	13507	11	58	24	7	647

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA–READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008
 Grade: 6
 SAU: MSAD 74
 School: Carrabec Community School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
		%	N	%	N	%	N	%	N			%	%	%	%			%	%	%	%	
How much homework do you do on school nights? A. none B. less than one hour C. one to two hours D. more than two hours	23 65 11 2	1 4 0 0	7 10 0 0	10 19 5 0	67 45 71 0	3 15 2 1	20 36 29 100	1 4 0 0	7 10 0 0	647 644 644 630	23 65 11 2	7 10 0 0	67 45 71 0	20 36 29 100	7 10 0 0	647 644 644 630	6 56 34 3	7 13 15 9	43 58 60 46	30 23 20 29	20 6 5 16	641 648 649 643
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading? A. The questions on the test match what I have learned in reading class. B. They match some of what I have learned. C. They match just a little of what I have learned. D. There is no match.	54 28 12 6	2 2 1 0	6 11 13 0	20 10 3 1	57 56 38 25	11 5 4 1	31 28 50 25	2 1 0 2	6 6 0 50	646 646 645 632	54 28 12 6	6 11 13 0	57 56 38 25	31 28 50 25	6 6 0 50	646 646 645 632	40 48 9 3	17 12 7 3	60 59 45 31	19 23 34 37	5 6 15 29	650 648 643 637
Which of the following best describes how you rate yourself as a student in reading? A. very good B. good C. fair D. poor	29 46 22 3	4 1 0 0	21 3 0 0	9 19 6 0	47 63 43 0	5 8 7 1	26 27 50 50	1 2 1 1	5 7 7 50	649 644 641 626	29 46 22 3	21 3 0 0	47 63 43 0	26 27 50 50	5 7 7 50	649 644 641 626	28 54 16 2	26 9 3 1	58 61 48 37	11 24 37 39	4 6 13 23	653 647 642 637
How difficult was the reading part of this test? A. harder than my regular schoolwork B. about the same as my regular schoolwork C. easier than my regular schoolwork	15 75 9	2 3 0	20 6 0	4 26 4	40 53 67	2 18 1	20 37 17	2 2 1	20 4 17	645 645 643	15 75 9	20 6 0	40 53 67	20 37 17	20 4 17	645 645 643	15 66 18	10 13 15	48 59 58	27 22 20	15 5 7	644 649 649
How difficult were the reading passages on this test? A. Most of the passages were more difficult than what I normally read. B. Most of the passages were about the same as what I normally read. C. Most of the passages were easier than what I normally read.	6 53 41	0 2 3	0 6 12	0 17 17	0 50 65	2 14 5	50 41 19	2 1 1	50 3 4	629 644 648	6 53 41	0 6 12	0 50 65	50 41 19	50 3 4	629 644 648	9 54 36	2 9 21	37 59 60	37 26 15	23 6 4	638 647 652
How hard did you try on the reading part of this test? A. I tried harder on this test than I do on my regular schoolwork. B. I tried about the same as I do on my regular schoolwork. C. I did not try as hard on this test as I do on my regular schoolwork.	44 53 3	4 1 0	14 3 0	15 18 1	54 53 50	7 12 1	25 35 50	2 3 0	7 9 0	647 643 643	44 53 3	14 3 0	54 53 50	25 35 50	7 9 0	647 643 643	46 50 3	13 14 5	56 60 46	24 21 30	7 6 20	648 649 641
How much time do you spend reading at home each day? A. more than one hour B. 20 minutes to an hour C. less than 20 minutes D. I rarely read at home.	20 28 13 39	1 4 0 0	8 22 0 0	8 8 6 12	62 44 75 48	3 6 1 10	23 33 13 40	1 0 1 3	8 0 13 12	648 649 644 640	20 28 13 39	8 22 0 0	62 44 75 48	23 33 13 40	8 0 13 12	648 649 644 640	19 51 12 18	19 15 9 4	58 60 56 50	17 20 26 34	6 5 9 13	651 649 646 643
Optional school/SAU question A. B. C. D.	0 0 0 0										0 0 0 0											

MATHEMATICS RESULTS

Test Date: March 2008
Grade: 6
SAU: MSAD 74
School: Carrabec Community School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (scaled score 661–680)	2005-2006	0	0	0	0	1463	10
	2006-2007	8	10	8	11	2092	15
	2007-2008	6	9	6	9	1474	10
	Cum. Total*	14	7	14	7	5029	12
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (scaled score 641–660)	2005-2006	7	14	7	13	5914	40
	2006-2007	31	40	28	37	5731	40
	2007-2008	24	37	24	37	6008	43
	Cum. Total*	62	32	59	31	17653	41
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (scaled score 627–640)	2005-2006	25	49	26	50	4494	30
	2006-2007	31	40	31	41	4175	29
	2007-2008	23	35	23	35	4244	30
	Cum. Total*	79	41	80	42	12913	30
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (scaled score 600–626)	2005-2006	19	37	19	37	3014	20
	2006-2007	8	10	8	11	2308	16
	2007-2008	12	18	12	18	2346	17
	Cum. Total*	39	20	39	20	7668	18

Learning Results Content Standard Clusters	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Cluster 1: Numbers and Operations	19	34	9.0	47.4	9.0	47.4	9.6	50.5
Cluster 2: Shape and Size	15	27	8.6	57.3	8.6	57.3	8.1	54.0
Cluster 3: Mathematical Decision Making	7	13	4.3	61.4	4.3	61.4	4.2	60.0
Cluster 4: Patterns	15	27	6.5	43.3	6.5	43.3	7.5	50.0

- Cluster 1: Numbers and Operations**
 A. Numbers and Number Sense
 B. Computation
 I. Discrete Mathematics (grades 3 and 4 only)
- Cluster 2: Shape and Size**
 E. Geometry
 F. Measurement
- Cluster 3: Mathematical Decision Making**
 C. Data Analysis and Statistics
 D. Probability
- Cluster 4: Patterns**
 G. Patterns, Relations, and Functions
 H. Algebra Concepts
 K. Mathematical Communication

Each content standard in the clusters above is defined in Maine’s 1997 *Learning Results*, which are the basis for Grade Level Expectations. Each item on the MEA measures a grade level expectation, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.



MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2008
 Grade: 6
 SAU: MSAD 74
 School: Carrabec Community School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	65	6	9	24	37	23	35	12	18	641	65	9	37	35	18	641	14072	10	43	30	17	642
Ethnicity																						
African American/Black	0										0						409	4	26	35	35	632
American Indian or Native Alaskan	0										0						108	6	26	39	29	635
Asian or Pacific Islander	0										0						247	13	50	25	13	646
Hispanic	1										1						145	9	32	34	25	638
Caucasian/White	64	6	9	24	38	23	36	11	17	641	64	9	38	36	17	641	13163	11	43	30	16	643
Not Reported	0										0						0					
Identified disability																						
Yes	13	0	0	1	8	6	46	6	46	625	13	0	8	46	46	625	2283	2	18	31	49	627
No	52	6	12	23	44	17	33	6	12	645	52	12	44	33	12	645	11789	12	48	30	10	645
Current LEP																						
Yes	0										0						339	5	22	32	41	631
No	65	6	9	24	37	23	35	12	18	641	65	9	37	35	18	641	13733	11	43	30	16	643
Economically disadvantaged																						
Yes	36	2	6	12	33	14	39	8	22	637	36	6	33	39	22	637	5160	4	34	36	26	636
No	29	4	14	12	41	9	31	4	14	646	29	14	41	31	14	646	8912	14	48	27	11	646
Migrant																						
Yes	0										0						7	0	57	43	0	641
No	65	6	9	24	37	23	35	12	18	641	65	9	37	35	18	641	14065	10	43	30	17	642
Gender																						
Female	31	2	6	12	39	12	39	5	16	642	31	6	39	39	16	642	6974	10	43	31	16	642
Male	34	4	12	12	35	11	32	7	21	640	34	12	35	32	21	640	7098	11	42	30	17	642
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	19	1	5	3	16	10	53	5	26	634	19	5	16	53	26	634	1192	4	23	43	30	634
No	46	5	11	21	46	13	28	7	15	644	46	11	46	28	15	644	12880	11	44	29	15	643
Gifted/talented program																						
Yes	0										0						557	53	42	4	0	663
No	65	6	9	24	37	23	35	12	18	641	65	9	37	35	18	641	13515	9	43	31	17	641

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008
Grade: 6
SAU: MSAD 74
School: Carrabec Community School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	23	2	13	7	47	5	33	1	7	645	23	13	47	33	7	645	6	6	33	31	31	635
B. less than one hour	65	4	10	16	38	13	31	9	21	641	65	10	38	31	21	641	56	11	43	30	16	643
C. one to two hours	11	0	0	1	14	4	57	2	29	633	11	0	14	57	29	633	34	11	45	30	14	644
D. more than two hours	2	0	0	0	0	1	100	0	0	634	2	0	0	100	0	634	3	6	33	32	28	636
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	62	5	13	15	38	14	35	6	15	644	62	13	38	35	15	644	45	14	47	28	11	646
B. They match some of what I have learned.	32	0	0	9	43	8	38	4	19	638	32	0	43	38	19	638	43	8	43	33	17	641
C. They match just a little of what I have learned.	2	0	0	0	0	1	100	0	0	638	2	0	0	100	0	638	9	6	30	33	32	635
D. There is no match.	5	1	33	0	0	0	0	2	67	625	5	33	0	0	67	625	3	5	15	25	54	626
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	28	5	28	8	44	3	17	2	11	651	28	28	44	17	11	651	29	24	51	17	8	651
B. good	51	1	3	16	48	10	30	6	18	641	51	3	48	30	18	641	48	6	45	33	16	641
C. fair	18	0	0	0	0	10	83	2	17	630	18	0	0	83	17	630	19	1	29	42	28	634
D. poor	3	0	0	0	0	0	0	2	100	613	3	0	0	0	100	613	3	0	15	41	44	627
How difficult was the mathematics part of this test?																						
A. harder than my regular schoolwork	19	1	8	5	42	3	25	3	25	638	19	8	42	25	25	638	24	5	38	33	24	638
B. about the same as my regular schoolwork	69	3	7	15	34	18	41	8	18	640	69	7	34	41	18	640	62	9	45	31	14	643
C. easier than my regular schoolwork	13	2	25	3	38	2	25	1	13	649	13	25	38	25	13	649	14	26	43	20	12	650
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	49	3	9	14	44	11	34	4	13	644	49	9	44	34	13	644	48	10	41	32	17	642
B. I tried about the same as I do on my regular schoolwork.	49	2	6	10	31	12	38	8	25	638	49	6	31	38	25	638	49	12	45	28	15	644
C. I did not try as hard on this test as I do on my regular schoolwork.	2	1	100	0	0	0	0	0	0	666	2	100	0	0	0	666	3	9	33	27	32	637
How often do you use hands-on materials in mathematics class?																						
A. almost every day	14	0	0	3	33	5	56	1	11	636	14	0	33	56	11	636	17	8	39	30	22	639
B. two or three days a week	25	1	6	9	56	5	31	1	6	646	25	6	56	31	6	646	34	11	44	31	14	643
C. two or three times each month	38	3	13	9	38	8	33	4	17	643	38	13	38	33	17	643	31	12	44	29	15	644
D. never or almost never	22	1	7	2	14	5	36	6	43	634	22	7	14	36	43	634	18	10	42	31	18	642
How often do you use calculators in mathematics class?																						
A. almost every day	23	1	7	5	33	6	40	3	20	641	23	7	33	40	20	641	11	11	37	29	23	641
B. two or three days a week	40	3	12	10	38	9	35	4	15	643	40	12	38	35	15	643	32	11	44	30	15	643
C. two or three times each month	25	1	6	7	44	5	31	3	19	639	25	6	44	31	19	639	32	11	45	30	15	643
D. never or almost never	12	1	13	2	25	3	38	2	25	639	12	13	25	38	25	639	26	9	40	32	19	641
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	17	1	9	0	0	7	64	3	27	632	17	9	0	64	27	632	7	6	29	33	32	635
B. 30–45 minutes	60	2	5	18	46	11	28	8	21	641	60	5	46	28	21	641	37	8	39	34	20	640
C. 45–60 minutes	23	3	20	6	40	5	33	1	7	647	23	20	40	33	7	647	42	13	47	28	12	645
D. more than 60 minutes	0										0						15	12	46	27	15	644
Optional school/SAU question																						
A.	0										0											
B.	0										0											
C.	0										0											
D.	0										0											